



## Telescopes and Instruments for 2010A



Observing time at the facilities available through the National Optical Astronomy Observatory is allocated via peer review twice a year. Standard proposals must be received by 30 September for the upcoming February through July semester. Proposals for the 2010A round of the NOAO Survey Program must be received by 15 September, and require a letter of intent to have been sent by 31 July. All proposals are due the evening of the due date by 11:59pm MST.

Please read the following sections for information on telescope and instrument availability at Gemini North and South, Magellan, MMT, Palomar, CHARA, CTIO, and KPNO for the 2010A semester.

- [What's New on Nighttime Telescopes Available through NOAO](#)
- [Telescope and Instrument Lists for 2010A](#)
- [Instrument Contacts](#)

### What's New on Nighttime Telescopes Available through NOAO

The following changes to instrumentation at all facilities available through NOAO are noted here to alert investigators preparing proposals. For more information, see the [NOAO Newsletter](#).

#### Gemini North and South

The International Gemini Observatory has issued a [Call for Proposals](#) for 2010A.

#### Gemini-Subaru Exchange

Gemini and Subaru are continuing their time-exchange program. All Subaru facility instruments are now available for classical observing through this program. A total of up to ten nights are expected to be available to all Gemini partners. (Select Gemini-North on the proposal form).

#### Gemini-Keck Exchange

General community access to the Keck telescopes will not be available this semester, but access to the HIRES Spectrograph will continue through a Gemini-Keck time exchange. A total of up to five nights are expected to be available to all Gemini partners. (Select Gemini-North on the proposal form).

From: [www.noao.edu/noaoprop/help/facilities.html#whatsnew](http://www.noao.edu/noaoprop/help/facilities.html#whatsnew)

# Access to Telescopes through NOAO



*Image from  
 NOAO and the US OIR System,  
 a White Paper written for the  
 Astro2010 Decadal Survey  
 ([www.noao.edu/astronomers.php](http://www.noao.edu/astronomers.php))*



## ACCESS TO TELESCOPES THROUGH NOAO

NOAO allocates observing time on many telescopes through open-access peer review. Some of these telescopes are within NOAO observatories — Cerro Tololo Inter-American Observatory and Kitt Peak National Observatory; some are facilities in which NOAO or the National Science Foundation is a partner — WIYN, SOAR, and Gemini; and some are independent telescopes from which NOAO acquires time for the community.

Proposals for time on all these facilities are solicited twice a year, with the deadlines for submission being March 31 for semester B (August 1 through January 31) and September 30 for semester A (February 1 through July 31). Details about the particular capabilities being offered and the number of nights expected to be available can be found on the NOAO Web site at: [www.naoa.edu/observing-information.php](http://www.naoa.edu/observing-information.php)

Following is a representative list of the telescopes and instrumental capabilities for which observers can propose.

- NOAO Kitt Peak National Observatory (KPNO) - Mayall 4-m telescope, 2.1-m telescope. Located southwest of Tucson, AZ. [www.naoa.edu/kpno/](http://www.naoa.edu/kpno/)
- NOAO Cerro Tololo Inter-American Observatory (CTIO) – Blanco 4-m telescope. Located in the foothills of the Chilean Andes, southeast of La Serena, Chile. [www.ctio.naoa.edu/](http://www.ctio.naoa.edu/)
- Southern Astrophysical Research (SOAR) Telescope – 4.1-m telescope. SOAR is on Cerro Pachón, adjacent to Cerro Tololo, southeast of La Serena, Chile. [www.soartelescope.org/](http://www.soartelescope.org/)
- Wisconsin-Indiana-Yale-NOAO (WIYN) Observatory – 3.5-m telescope. WIYN is on Kitt Peak. [www.naoa.edu/wiyn/](http://www.naoa.edu/wiyn/)
- Gemini North and South twin 8-m telescopes, including exchange time on Keck 10-m and Subaru 8-m telescopes. Gemini North, Keck, and Subaru are on Mauna Kea, outside Hilo, HI; Gemini South is on Cerro Pachón in Chile. [www.gemini.edu/](http://www.gemini.edu/)
- Gemini-Subaru Exchange. All Subaru facility instruments are now available for classical observing through this program. A total of up to ten nights are expected to be available to all Gemini partners. [Select Gemini-North on the proposal form.] [www.naoj.org/](http://www.naoj.org/)
- Keck-I and Keck-II 10-m telescopes. General community access to the Keck telescopes varies by semester, so check the NOAO Web site ([www.naoa.edu](http://www.naoa.edu)). Access to the Keck HIRES Spectrograph is available through a Gemini-Keck time exchange program ([www.gemini.edu](http://www.gemini.edu)). [www.keckobservatory.org/](http://www.keckobservatory.org/)
- Small and Moderate Aperture Research Telescope System (SMARTS Consortium) – 1.5-m, 1.3-m, 1.0-m, 0.9-m telescopes located on Cerro Tololo in Chile. [www.astro.yale.edu/smarts/](http://www.astro.yale.edu/smarts/)

Community access to the following facilities varies by semester:

- Hobby-Eberly Telescope (HET) – 9.2-m telescope. Located in west Texas. [www.as.utexas.edu/mcdonald/het/het.html](http://www.as.utexas.edu/mcdonald/het/het.html)
- Magellan Telescopes – twin 6.5-m Baade and Clay telescopes. Located at Las Campanas Observatory in the Atacama Desert, Chile. [obs.carnegiescience.edu/Magellan/](http://obs.carnegiescience.edu/Magellan/)
- MMT Observatory – 6.5-m telescope. Located on Mt Hopkins, about 30 miles south of Tucson, AZ. [www.mmt.org/](http://www.mmt.org/)
- Palomar Observatory – 200-inch Hale telescope. Located in southern California. [www.astro.caltech.edu/palomar/hale.html](http://www.astro.caltech.edu/palomar/hale.html)
- Center for High Angular Resolution Astronomy (CHARA) Interferometer Array. Located in southern California. [www.chara.gsu.edu/CHARA/](http://www.chara.gsu.edu/CHARA/)